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## CHEMICAL INDUSTRY PRODUCES NEW PRODUCTS

PRODUCES COLLOIDAL KAOLIN INDUSTRIALLY -- Nachrichten fuer Aussenhandel, No 29, 15 Apr 50

The Wiesa Kaolin Plant near Kamenz recently started to produce colloidal kaolin industrially. This product, which is particularly valuable for the rubber, cosmetics, and pharmaceutical industries is sold under the trade name "Bolit."

Bolit is a perfect substitute for talcum, soapstone, and other fillet materials which until now have had to be imported. The basic material is the raw kaolin found in Wiesa, which has 70 to 80 percent clay content and is distinguished by its very small particles, under 0.001 millimeter in size. In the customary wet-dressing process, the very fine colloidal particles are lost in the water. The Wiesa process, however, obtains these small particles in the form of a very fine powder, using a dry process which involves careful drying, precrushing, and blowing.

MAKES NEW KINDS OF FERTILIZER -- Nachrichten fuer Aussenhandel, No 17, 4 Mar 50

The East German potash industry now produces two new kinds of fertilizer with a guaranteed magnesium content, "Emge-potash" and "Reform-potash."

Emge-potash contains, in addition to 33-37 percent pure potash, at least 15 percent magnesium sulfate. Otherwise, its composition corresponds to that of the well-known "40" potash fertilizer. Reform-potash contains 26 percent pure potash and 26 percent magnesium sulfate. It resembles "Patent-potash," which can be manufactured only in limited quantities for special purposes such as for fertilizing tobacco. The potash in Reform-potash consists of half sulfate and half chloride, which increases its effectiveness. An admixture of 20-percent calcium sulfate insures the effectiveness of the magnesium content.

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LEUNA PLANT MAKES NEW PRODUCTS -- Nachrichten fuer Aussenhandel, No 23, 22 Mar 50

At the Leuna Plant, pharmacological and clinical experiments with a new preparation which is supposed to kill tuberculosis bacilli have been so favorable that the plant will now produce this preparation continuously. This new "PSA" will be produced in the form of tablets at first Later it will be made available also in the form of ampoules for injections.

The Leuna Plant will raise its production of Laktam substartially in 1950. Laktam is made of waste material obtained in phenol distillation and is a basic material for the production of Perlon fiber. Also, the production of gasoline in the Leuna Plant is to be increased. However, the plant's major effort will be in urea production, because the only other factory producing it, the Pisteritz Nitrogen Plant, cannot meet the increasing demand for this product in East Germany.

Nachrichten fuer Aussenhandel, No 17, 4 Mar 50

A new wrea installation has been added to the Leuna Plant, which will supply mainly the raw material for the production of kaurit glue. Another new product of this plant is mineral wool made from slag, limestone, and gravel. The mineral wool is made into a cord, which can be used for insulation of pipes. Production of this wool cord had reached one million meters at the beginning of February 1950.

LISTS CHEMICAL FACTORIES UNDER "ALCID" -- Nachrichten fuer Aussenhandel, No 10, 4 Feb 50

The "Alcid" Association for People-Owned Enterprises, in Radebeul near Dresden, is a leader in the export of chemical products from East Germany. The following factories are the most important ones under the supervision of "Alcid"

Von Heyden Chemical Factory, Radebeul near Dresden.

Neustassfurt Potash Factory, Loederburg near Neustassfurt.

Ammendorf Electrochemical Plant, Ammendorf, Saalkreis.

Dohna Fluorite Plant, Dohna near Heidenau, Sachsen.

Heinrichshall Chemical Factory, Heinrichshall, Thueringen.

Sulfuric Acid and Superphosphate Plant, Coswig, Anhalt.

Tannenberg Fuller's Earth Plant, Stassfurt.

INCREASES PRODUCTION OF PENICILLIN -- Nacht-Express, No 107, 10 May 50

Doctor W. Krauss, branch chief in the Main Division for Chemistry in the Ministry of Industry, stated that it is planned to place penicillin on the free market before the end of 1950. A third price reduction is also scheduled for this year.

According to Krauss, the penicillin factories in the German Democratic Republic can already cover the most urgent requirements, and by the end of the year will be able to manufacture for export.

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It present, approximately 1,000 units are obtained per cubic centimeter of stock solution, whereas the 1945 figure was only 10-20 units. It is claimed that penicillin made in East Germany is on a par with foreign brands.

TO REGISTER STREL CYLINDERS -- Taegliche Rundschau, No 115, 20 May 50

All steel cylinders and containers for compressed gases must be reported in writing to the Economic Division of the Democratic Magistrate of Greater Perlin.

Steel cylinders must not be taken out of the Eastern Sector of Berlin without written approval of the Economic Division.

SACHSEN LEADING IN ARTIFICIAL FERTILIZER OUTPUT -- Taegliche Rundschau, No 73, 26 Mar 50

Sachsen's deliveries of all types of artificial fertilizer for the year ending 30 June 1950 are leading those of the other East German Laender by a wide margin. On 11 March the planned quotas for nitrogen, phosphorus, lime, and potassium fertilizer had been met to the extent of 74.8, 79.8, 108.6, and 96.3 percent, respectively.

PRODUCES AUTOMOBILE TIRES -- Tribuene, No 24, 27 Mar 50

The people-owned rubber plant in Heidenau, Kreis Pirna, manufactures automobile tires with a life of 30,000 kilometers.

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